L Number	Hits	Search Text	DB	Time stamp
-	5	wang-lizhi.in.	USPAT; US-PGPUB	2004/03/26 10:21
-	29	(382/\$.ccls. or 348/\$.ccls. or 340/\$.ccls.) and (face or facial or head) same (color with (gradient or gradation	USPAT; US-PGPUB	2004/03/26 10:24
-	79	or change or sobel) with (low\$2 or less\$2 or smaller or unchang\$3 or below or under or threshold\$3 or smooth or smoothly)) (382/\$.ccls. or 348/\$.ccls. or 340/\$.ccls.) and (face or facial or head) same ((color adj chang\$3 or gradient or gradation or sobel) with (low\$2 or less\$2 or smaller or unchang\$3 or below or under	USPAT; US-PGPUB	2004/03/26 10:29
-	10	or threshold\$3 or smooth or smoothly)) (382/\$.ccls. or 348/\$.ccls. or 340/\$.ccls.) and (face or facial) and (face or facial or head or area or region or pixels! or portion) same (color near gradient) same (intensity or brightness	USPAT; US-PGPUB	2004/03/26 10:46
-	62	head or area or region or pixels! or portion) same (color near gradient) same	USPAT; US-PGPUB	2004/03/26 10:47
-	9	identif\$7) near face or facial) and (face or facial or head or area or region or	USPAT; US-PGPUB	2004/03/26 10:50
		<pre>pixels! or portion) same (gradient with (low\$2 or less\$2 or smaller or unchang\$3 or below or under or smooth or smoothly)) same ((intensity or brightness or luminance) with (above or high\$3 or large\$1 or greater or bright\$2 or increased))</pre>		
_	11		USPAT; US-PGPUB	2004/03/26 10:52
_	78		USPAT; US-PGPUB	2004/03/26 10:55
-	92	(382/\$.ccls. or 348/\$.ccls. or 340/\$.ccls.) and (facial or area or region or pixels! or portion or window or mask) same (gradient with (low\$2 or less\$2 or smaller or unchang\$3 or below or under or smooth or smoothly)) same ((intensity or brightness or luminance) with (above or high\$3 or large\$1 or	USPAT; US-PGPUB	2004/03/26 11:06
-	97	greater or bright\$2 or increased))	USPAT; US-PGPUB	2004/03/26 11:22

-	55	(382/\$.ccls. or 348/\$.ccls. or 340/\$.ccls.) and ((human or person\$3 or	USPAT; US-PGPUB	2004/03/26 12:41
		recogni\$4 or identify\$3 or identification) near face or facial or		
		head or skin) same (area or region or		
		pixels! or portion or window or mask or map\$4) with ((gradient or chang\$3 or		
		vary\$3 or varies or variance) near3		
		(low\$2 or less\$2 or smaller or unchang\$3 or below or under or smooth or smoothly		
		or uniform\$2 or gradual\$2 or slow\$2))		
-	58	(382/\$.ccls. or 348/\$.ccls. or	USPAT;	2004/03/26
		340/\$.ccls.) and ((human or person\$3 or recogni\$4 or identify\$3 or	US-PGPUB	12:50
		identification) near (face or facial) or		
		area or region or pixels! or portion or window or mask or map) same (gradient or		
		smooth or smoothly or smoothness or	-	
		texture) with (intensity or bright\$4 or		
		luminance or white) with ("AND".u/c. or conjunction or (logical or boolean) adj		
		"and" or combin\$5)		00000000
-	46	(382/\$.ccls. or 348/\$.ccls. or 340/\$.ccls.) and ((human or person\$3 or	USPAT; US-PGPUB	2004/03/26
		recogni\$4 or identify\$3 or		
		identification) near (face or facial) or		
		area or region or pixels! or portion or window or mask or map\$4) same (gradient		
		or smooth or smoothly or smoothness or		
		uniform\$3) with (intensity or bright\$4 or luminance or white) with ("AND".u/c. or		
		conjunction or (logical or boolean) adj		
	35	"and" or combination) ((human or person\$3 or recogni\$4 or	USPAT;	2004/03/26
-	35	identify\$3 or identification) near (face	US-PGPUB	13:04
		or facial) or area or region or pixels!		
		or window or mask) same (gradient or smooth or smoothly or smoothness or		
		uniform\$3) with (intensity or bright\$4 or		
		luminance) with ("AND".u/c. or conjunction or (logical or boolean) near2		
		"and")		
-	13		USPAT; US-PGPUB	2004/03/26
		identify\$3 or identification or locat\$3 or tracking or extract\$3) with (face or	US-PGPUB	13.05
		facial or area or region or pixels! or		
		window)) same (gradient or chang\$3 or gradation) with (smooth or smoothly or		
		smoothness or uniform\$3) same ((high\$3 or		
		large\$2 or great\$3 or bright\$3 or increased or maximum or white) near2		
		(intensity or brightness or luminance))		
-	4	((human or person\$3 or recogni\$4 or	USPAT;	2004/03/26
		identify\$3 or identification or locat\$3 or tracking or extract\$3) with (face or	US-PGPUB	13:07
		facial or area or region or pixels! or		
		window)) same (gradient or chang\$3 or gradation or variation or variation with		
		(smooth or smoothly or smoothness or		
		uniform\$3 or low\$2 or small\$2 or less\$2 or unchang\$3) same ((high\$3 or large\$2 or		
		great\$3 or bright\$3 or increased or		
		maximum or white) near2 (intensity or		
		brightness or luminance)) same ("AND".u/c. or conjunction or (logical or		
		boolean) near2 "and")		

-	186	((human or person\$3 or recogni\$4 or identify\$3 or identification or locat\$3	USPAT; US-PGPUB	2004/03/26 13:09
		or tracking or extract\$3) with (face or	00 10100	10109
		facial or area or region or pixels! or		
		window)) same (gradient or chang\$3 or		
		gradation or variation or variance) with		
		(smooth or smoothly or smoothness or		
		uniform\$3 or low\$2 or small\$2 or less\$2		
		or unchang\$3 or flat) same ((high\$3 or		
		large\$2 or great\$3 or bright\$3 or increased or maximum or white) near2		
		(intensity or brightness or luminance))		
_	44	(human or person\$3 or recogni\$4 or	USPAT;	2004/03/26
		identify\$3 or identification or locat\$3	US-PGPUB	14:47
		or tracking or extract\$3) with (face or		
		facial or area or region or pixels! or		
		window)) same (gradient or gradation or		
		chang\$3 or color or vary\$3 or		
		differences!) with (smooth or smoothly or		
		smoothness or uniform\$3 or unchang\$3 or		
ļ		<pre>flat) same ((high??\$1 or large?\$1 or great??\$1 or bright??\$1 or increased or</pre>		
		maximum or white) near2 (intensity or		
	1	brightness or luminance or density))		
_	184		USPAT;	2004/03/26
1		340/\$.ccls.) and ((human or person\$3 or	US-PGPUB	14:48
		recogni\$4 or identify\$3 or identification		
		or locat\$3 or tracking or extract\$3) with		
		(face or facial or area or region or		
		pixels! or window)) same (gradient or		
		gradation or smooth or smoothly or	1	
		<pre>smoothness or uniform\$3 or unchang\$3 or flat) same ((high\$3 or large\$3 or great\$3</pre>		
		or bright\$3 or increased or maximum or		
		white) near2 (intensity or brightness or		
		luminance or density))		
-	10	382/103,115,118,164,165,190,199,203,274,27	6USPAS;	2004/03/26
		and (face or facial) same (grad\$5 or	US-PGPUB	15:12
		(color near (rate or chang\$3)) or		
		smooth\$2 or sobel) with (threshold\$3 or		
[-	21	nð££4\$i¢61s. or 348/\$.ccls. or	USPAT;	2004/03/26
		340/\$.ccls.) and (face or facial) same	US-PGPUB	15:14
		<pre>(grad\$5 or (color near (rate or chang\$3)) or smooth\$2 or sobel) with (threshold\$3</pre>		
		or normali\$6)		
_	80	382/103,115,118,164,165,190,199,203,274,27	GUSEAS;	2004/03/26
1		and (face or facial) and (grad\$6 or	US-PGPUB	15:17
		(color near (rate or chang\$3)) or		
		smooth\$2 or sobel) with (threshold\$3 or		
-	59		USPAT;	2004/03/26
1		and (face or facial) and (grad\$6 or (rate	US-PGPUB	15:32
1		near chang\$3) or smooth\$2 or sobel) with		
	5	(threshold\$3 or normali\$6) 382/103,115,118,164,165,190,199,203,274,27	5118978.	2004/03/26
-	5	and (face or facial) and (grad\$6 near5	US-PGPUB	15:37
		(rate or chang\$3)) with (threshold\$3 or		10.07
-	2	160mal5265.53, 5.8-5.83.ccls. and (face or	USPAT;	2004/03/26
	-	facial) and (grad\$6 or (rate near	US-PGPUB	15:37
		chang\$3) or smooth\$2 or sobel) with		
		(threshold\$3 or normali\$6)		
-	30	340/5.52,5.53,5.8-5.83.ccls. and (face or	USPAT;	2004/03/26
	1	facial) same (candidate or gradient or	US-PGPUB	15:38
1		gradation or intesity or smooth\$4 or		
		bright\$4 or hue or saturation or sobel or threshold or normali\$6 or erod\$3 or		
		erosion or morph\$3 or morphologic\$2 or		
		ellipse or oval or edge or bound\$3 or	1	
		mosaic)		
	·		•	

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-	68		USPAT;	2004/03/26
		340/\$.ccls.) and (face or facial or head)	US-PGPUB	15:50
		same (contrast) near2 (low\$2 or less\$2 or		
		<pre>smaller or unchang\$3 or below or under or threshold\$3 or smooth or smoothly)</pre>		
	17	5629752.URPN.	USPAT	2004/03/26
-	17	5629752.0RPN.	USPAI	15:52
-	75	(skin or flesh or face or facial) same	USPAT;	2004/03/26
		(area or region or window or ellip\$6 or	US-PGPUB	16:36
		block or neighborhood or circle or range		
		or portion) with ("AND".u/c. or ANDed or		
		ANDing or logical\$2 or boolean) same		
		(imag\$3 or pixel or camera or CCD or		
		picture or pel)		